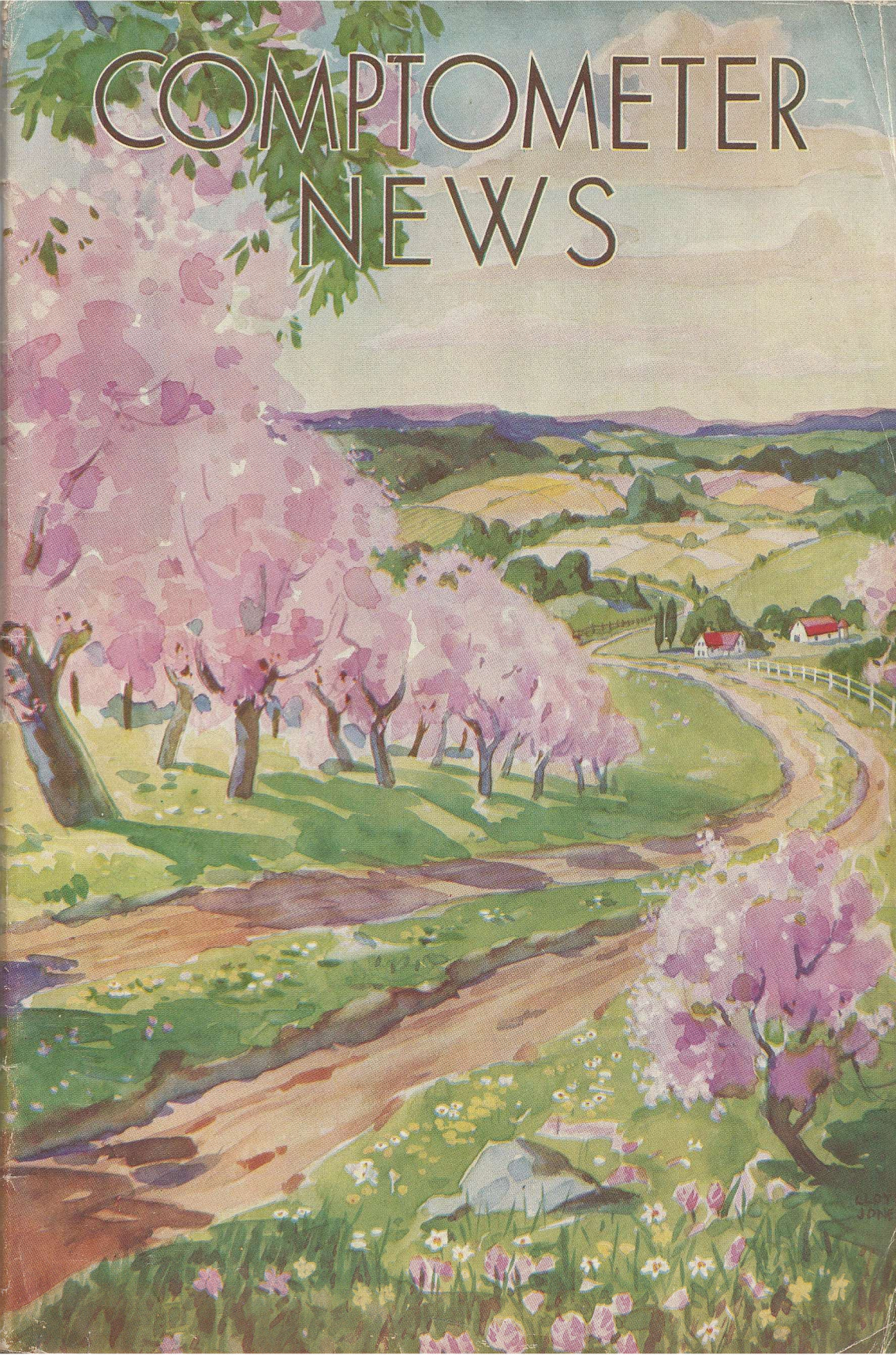
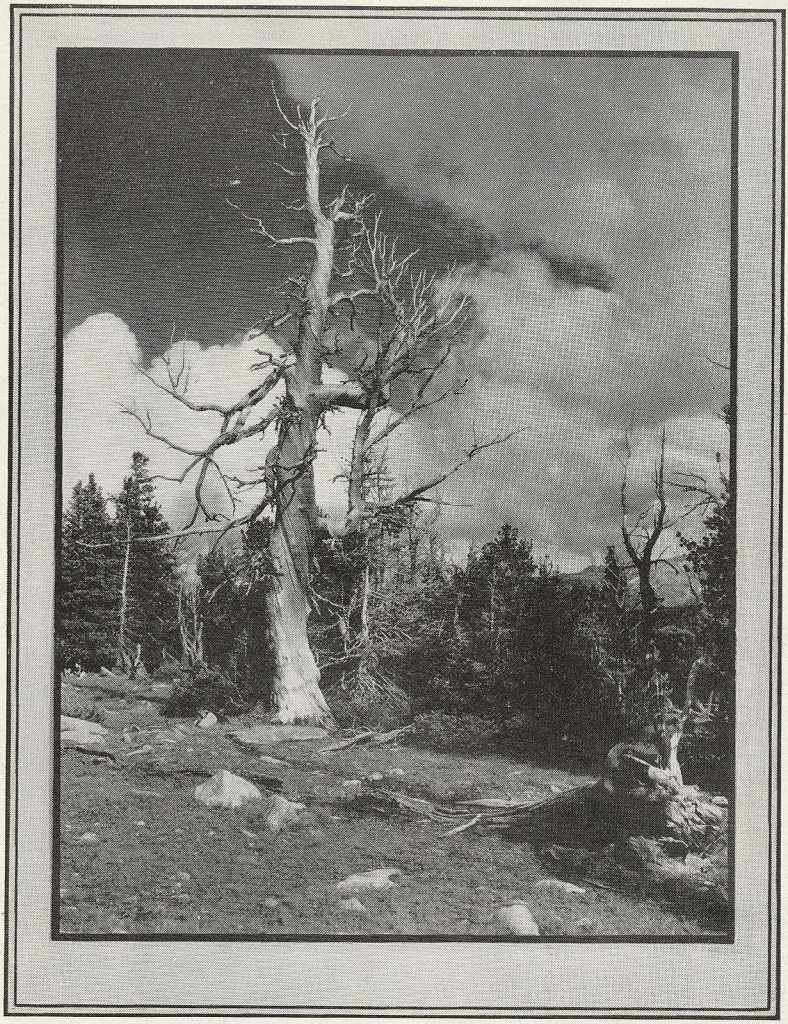
COMPTOMETER NEWS





GOOD TIMBER

"The tree that never had to fight
For sun and sky and air and light,
That stood out in the open plain,
Never became a forest king.
It always got its share of rain,
But lived and died a scrubby thing.

The man who never had to toil,
Who never had to win his share
Of sun and sky and light and air,
Never became a manly man,
But lived and died as he began.

Good timber does not grow in ease,
The stronger wind, the tougher trees;
The farther sky, the greater length;
The more the storm, the greater strength.
By sun and cold, by rain and snows,
In trees or man good timber grows."

—Safety Bulletin, Commonwealth Edison.

2-50

COMPTOMETER NEWS

(REG. U. S. PAT. OFF.)

Published by Felt & Tarrant Manufacturing Co., Chicago, U. S. A.

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Anniversaries

JOHN C. NEVINS, *Vice-President*

This is the Twenty-fifth Anniversary of the Comptometer Schools as a permanently organized institution! Beginning in Chicago, the schools have spread throughout the world.

In the intervening years, thousands and thousands of girls and young men have passed through our Schools into the business world. The faces and names of many of the old operators in Chicago, whom it was my privilege to know, crowd out in a happy procession from the dim recesses of memory. Some very vividly, because during their years as Comptometer operators, or perhaps after promotion to positions of trust, or even after they have married and have come back to us from time to time to keep in touch with new ideas, meet our new teachers, and renew old friendships.

Others, to our regret, who have continued on in the same operating positions for some time, have lost touch with us, perhaps because they have needed no assistance. We hope it hasn't been because of a lack of continued friendliness.

On the part of our general agents and teachers in charge of the 147 Comptometer Schools, as well as on our part, there is a feeling of loyalty and interest in our operators that extends to every girl and every man, regardless of where they took their Course. We take pride in the fact that our Schools are unique, in that they are not run for profit or for a selfish interest. Last year, through them, we placed over 22,000 operators, all without charge for this service to either operator or customer. We are sorry it could not have been a greater number, but we could not prevent the adverse business conditions. But at least we feel proud that 22,000 times we were able to be of mutual help to both our old operators and our customers.

More and more as the Anniversaries go by we feel the obligation we owe to our older operators, which neither words nor actions can adequately express. We realize that we owe a great deal of our enormous growth to our splendid operators, who, through their efficient operation and the volume of work turned out, have helped to make the Comptometer the success it is today.

We cordially invite you into your nearest Comptometer School. And when you come, whether it be to renew old acquaintance, to get help on new short cuts, to review partially forgotten work, or for help in securing a position, we hope you will come with the same sure knowledge of a cordial welcome that always I had when I revisited my mother in the old home.

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Insurance and Woman's Future in Business

GEORGE MALCOLM-SMITH
The Travelers Insurance Co., Hartford, Conn.

No man, no matter how meager his knowledge of history, could sit down to write about the future of women in business without feeling just a bit ashamed of his sex. You know, up to less than one hundred years ago, the male sex behaved rather shabbily toward womankind as far as business was concerned.

Just think, it was less than eighty-five years ago that the first woman was allowed to enter a medical college! And only a little more than fifty years ago that Congress finally decided to permit a woman to practice law before a Supreme Court in the United States! And only ten short years ago that American women were given the right to vote!

It's safe to say that fifty years ago the total number of women engaged in business pursuits was less than the number of Comptometer operators employed in business offices throughout the world today. And yet, it is estimated that at the present time approximately ten million American women (about one-fourth the feminine population) are engaged in gainful occupations. And so, after all these years, the business woman has come into her own! And has done it so completely that it's difficult to realize that she has not always been a part of the business scheme.

With her arrival in the business world, the modern woman has acquired new responsibilities, new prerogatives. Among these prerogatives is to have her own insurance, for of course the business woman is no more immune to accident, to dependent old age or to untimely death than is the business man.

The one great fear that haunts a person who has achieved independence is that he or she may some day lose it. It's a bitter pill to have won independence and then have it snatched away. Accidents strike without warning and wreak havoc with one's savings. Old age sneaks up behind us, taps us on the shoulder and beckons us to retirement, but if he finds us with insufficient savings to retire, we must stick to the "old grind."

Accident insurance and life insurance are the most certain means of saving a business woman from the loss of her independence.

There are accident policies especially designed to suit the needs of the woman in business. They are astonishingly liberal in their terms, paying large sums for death, the loss of feet or hands and loss of sight occasioned by accidents. They

pay for treatment by a physician or surgeon, nurses and hospital fees, and a weekly income while a woman is in the hospital or attended by a graduate nurse for even as long a period as twenty weeks. These indemnities are doubled if a woman's injuries are sustained while a passenger within a public conveyance, such as a train, electric car, taxicab, ship or elevator, or are caused by the burning of a building, the collapse of a building or a number of other possible mishaps. This protection costs only a few dollars a month.

The business woman who desires independence in her advanced years, must secure it through thrift that begins while she is comparatively youthful. Most popular of all the insurance policies available to the business woman is the so-called "retirement income contract," which serves the three-fold purpose of providing for her relatives in case of her untimely death; affords her protection against dependence upon others in case of permanent disability; and guarantees her an income beginning at age 55, 60 or 65, to continue as long as she lives, and providing for the equivalent of at least ten years' payment if she does not live ten years beyond the date when the income begins.

The attitude toward Life Insurance has undergone a metamorphosis within the past few years. Once regarded as "Death" insurance, that is to say, a means of obtaining an estate through death (which, we think you'll agree, is a rather high price) it is now looked upon as a means of obtaining an estate through investment during one's life. This attitude has converted life insurance protection into an institution in keeping with its name. Looked upon in this new light, it is really "Life" insurance.

A Philosopher

JOHN KENDRICK BANGS (1862-1922)

To take things as they be—
That's my philosophy.
No use to holler, mope, or cuss—
If they was changed they might be wuss.

If rain is pourin' down,
An lightnin' buzzin' roun',
I ain't a-fearin' we'll be hit,
But grin that I ain't out in it.

If I get deep in debt—
It hasn't happened yet—
And owed a man two dollars, Gee!
Why, I'd be glad it wasn't three!

If some one came along,
And tried to do me wrong,
Why I should sort of take a whim
To thank the Lord I wasn't him.

I never seen a night
So dark there wasn't light
Somewheres about if I took care
To strike a match and find out where.

Sales Analysis

To answer numerous questions prompted by the brief description of Sales Analysis which appeared in the last issue of Comptometer News, we offer the following explanation:

Fig. 2

Daily Salesman Sales and Profit of Sales

Salesman O. J. Smith

Date 11-27-3

Sales		Dept.	Profits	
587	23	1		
321	69	2		
847	86	3		
123	45	4		
671	17	5		
		6		
		7		
		8		
		9		
		10		
		19		
		20		
		21		
		22		
		23		
		24		
		25		
9071	15	Total Sales		
		Express		
		Prep'd Frt.		
		Cartage		
		Parc'l Post		
		P. P Ins.		
		Misc.		
		Total Billing		

No. of Invoices Below Minimum

The above cut shows an operator with carbon copies of one day's complete billing, which has been sorted into individual salesmen. Each item on these copies has been coded and marked with the desired sales classification, i. e., Dept. 1, 2, 3, etc. In this particular case it is also desired to classify *profits* by departments in the same manner as followed with reference to *sales*.

Taking *each* salesman's group separately, they are added directly into the Comptometer, using a twelve-column with split keyboard. This size permits the operator to add "profits" on the left and "sales" on the right. The "Grand Totals" of "Sales and Profits" are posted to the salesman's individual daily sales strip. (See Fig. 2) and serve as control figures for the detailed classifications.

The detailed classification into individual departments by sales and profits for *each salesman* is obtained by adding into the Comptometer all Dept. 1 and posting to the salesman's daily sales strip; likewise for Dept. 2, 3, 4, etc. If the work has been performed correctly these "detailed amounts" should total to the footing as shown at bottom of strip. In case of error there will be a difference between the total obtained and the pre-determined total shown at bottom of strip. The operator can readily locate the error as the posting data is not disturbed until a balance is obtained.

These daily sales strips (one for each salesman) are then placed on the "Peg Board" (see Fig. 3 on opposite page) and cross added for a complete sales total for all salesmen. Profits are handled in exactly the same manner, instead of exposing the left portion of "Daily Strip" when "pegging" to the board the right-hand column is exposed.

This method is open to so many variations that any specific case should be talked over with the local Comptometer representative. This method of "peg board" application can also be applied to "Cost" and "Payroll" analysis.

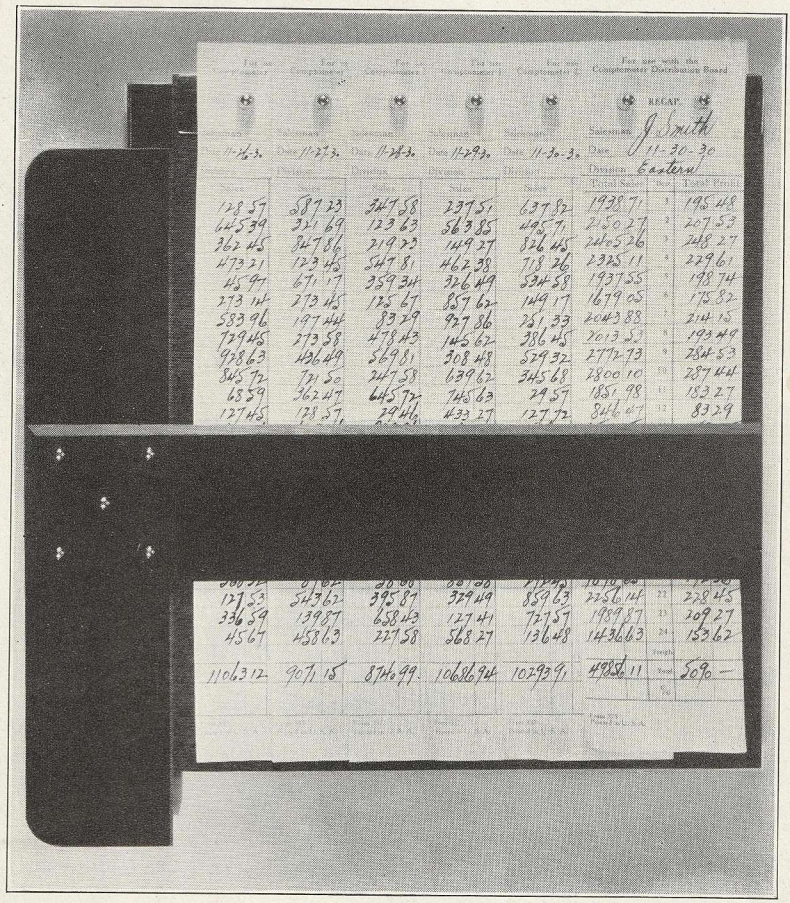


Fig. 3

The Real Reason Why 1930 Was a "Jonah" Year

1+9+3+0=13 Ah! Hah!

1+9+0+3 (=13) Was ANOTHER of Those Years, You Recall

1+9+1+2 (=13) Caused a Lot of Headaches TOO—and

1+9+2+1 (=13) Meant MORE Worries for Most Workers

BUT—

1+9+3+1 (=14)

WE'RE OUT OF THE WOODS

The Hoodoo Is BROKEN! And Can't Come Again for 99 Years—

None of *Us* Will Worry About 2+0+2+9 (=13)

Nothing Will Stop Us Now!

"Help Wanted"

MISS LILLIAN R. CONLEY

This title "Help Wanted," though not conspicuously portrayed in this time of economic depression is in the background of every person's existence. Today, more than ever before, every employee from the highest executive down, as well as the applicant looking for work, is being closely measured and only those whose scale of values is high can hope to be among the "Help Wanted." Never before have employers been more exacting in their demands for reliable and efficient help and these leaders of business do not hesitate to say there are more and greater opportunities for young men and women who are fitted to handle their jobs than ever before.

This last year has been a trying one for many people. Personnel workers, perhaps, have a keener understanding of these conditions than anyone else. Their sympathetic understanding of people and their words of cheer have added a great deal to the national effort to keep up the morale of our people. Theirs is an interesting work but often very trying, for to be able to deal with each individual squarely and fairly requires many traits that are unlooked for in another employee. No matter how even-tempered, patient, courteous and sympathetic this interviewer may be and no matter how kindly she says, "No, there is nothing for you this morning," the applicant is apt to feel as she walks away, "I am not being treated fairly; I know she does not want to help me."

If the other side of the picture could be seen, this applicant would understand that "fitting the right person to the job" holds many problems that are not known to the casual observer. In times of unemployment, the employer knows he can expect to make a very careful selection and he puts his requirements high. He does not hesitate to say, "I want a girl who is physically fit, mentally balanced, and one who presents a pleasing picture as well as one who can handle this job to perfection." After all, is he expecting too much?

Qualities such as accuracy, dependability, speed, constructive thinking, cooperativeness, ability to learn, good health and appearance are not unusual traits and if persons who are working, as well as those out of work, will spend some time studying themselves and be honest in their opinions, we ought to be better able to meet the competition that is everywhere. There are standards of achievement and requirements for success in every line of work and the person who has taken advantage of this period of depression to study his shortcomings and to improve them has added unlimited value to himself.

The greatest reward in life is the joy we get out of the work that we do but this work must be done well. Our education must never cease no matter how secure we may feel. Each new job is another situation to meet and conquer; each promotion means more work and more responsibility. We must constantly study ourselves as individuals—our aptitudes, our talents and our abilities, and keep preparing to hold or to find our places among the "Help Wanted."

Believe It—"If" You Will

Russian Multiplication

Prove this problem on your Comptometer:

Solution:

Draw a vertical line as shown under (a); directly under the first factor (35) show one-half of itself (17) and continue dividing by 2 in like manner with each succeeding factor until the figure "1" has been obtained.

35×67=2345

(a)

17	134
~~8~~	~~268~~
~~4~~	~~536~~
~~2~~	~~1072~~
1	2144
	2345

Directly under the second factor (67) show it doubled (134) and continue multiplying by 2 in like manner with each successive factor until the final factor has been obtained.

Cross out *all* items that have an *even* number in the first column as illustrated.

The total of the remaining factors to the *right* of vertical line will be the result.

Try This on Your Comptometer

$1\times9+2=11$

$12\times9+3=111$

$123\times9+4=1{,}111$

$1{,}234\times9+5=11{,}111$

$12{,}345\times9+6=111{,}111$

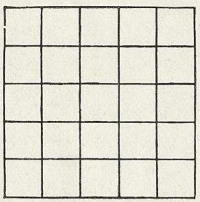
$123{,}456\times9+7=1{,}111{,}111$

$1{,}234{,}567\times9+8=11{,}111{,}111$

$12{,}345{,}678\times9+9=111{,}111{,}111$

$123{,}456{,}789\times9+10=1{,}111{,}111{,}111$

Adding Puzzle



Fill the squares with numbers which will add "15" across each horizontal line of five squares, each vertical line of five squares and each of the two diagonal lines of five squares.

If you need help to solve this, write to the editor.

Marathon Addition

If you wish to start a Marathon on filling a Comptometer register with all 9's by adding 1's, don't let this discourage you.

At the average rate of 5 strokes a second, never stopping, it would take 6 years, 4 months, 3 days, 3 hours, 31 minutes and 41½ seconds to fill an 8-column Comptometer.

The following will illustrate how many years it takes to fill the register of any size Comptometer by continually striking the 1-key at the average rate of a stroke a second:

In the following large decimal shift the decimal point to the right as many places as 6 subtracted from number of columns of keys on machine you are filling.

.317097919837645854043125 years.

In other words, if using an 8-column machine 8 less 6 equals 2; shift decimal point two places to the right and answer is 31.70, etc., years.

Bowling "Aide"

Supposing you were the one delegated to work up the Bowling Schedule in your local Comptometer Club, and the problem was to plan the schedule in a manner that would prevent each team from meeting their opponents more than once.

The following table shows a schedule worked out for seven teams. Just assume you are now making one for fourteen teams—how would you go about it other than "guessing."

There *is* a mathematical basis which can be used regardless of the number of teams involved. If you need help write to us.

1st Night	2nd Night	3rd Night	4th Night	5th Night	6th Night	7th Night
3—7	5—6	6—8	6—7	3—4	2—6	1—8
1—2	4—7	1—4	3—8	1—6	1—7	4—5
4—6	2—8	5—7	1—5	2—5	3—5	2—7
5—8	1—3	2—3	2—4	7—8	4—8	3—6

Tuning In

Washington, D. C.

Of the large Comptometer family residing in the Washington, D. C., territory, many were indeed fortunate to hear Mr. George D. Lane's radio talk given on February 23rd through Station WRC.

As the subject of Mr. Lane's talk, which was sponsored by the Washington Kiwanis Club, was "Vocational Guidance," it was of special interest to Comptometer operators.

Comptometer operators of Washington desiring a copy of this speech or any of their friends desiring information on the value of "specialized training" should write direct to the Comptometer News.

Comptometer Operators at the Great Atlantic & Pacific Tea Company, 805 Channing Street, N. E., Washington, D. C., March 9, 1931:
Mrs. Irene Burke, Mrs. Francis Curtis, Mrs. Clara Walters, Miss Mary Hoffman, Mrs. Francis Halliday, Mrs. Hazel Arney, Mrs. Janet Lang, Mrs. Lillian Cooke, Miss Marie Menke, Mrs. Gertrude Carver, Miss Helen Vorhees, Miss Clara Martin and Mrs. Doris Young

Reva Banks Is Putting a Punch in the Washington Ladies Bowling League

Comptometer Operators Sanitary Grocery Co., Inc., at Washington, D. C.

Elizabeth Barnette, Miss Bertha Hendley, Mrs. Mildred B. Dawson, Miss Virginia Miller, Miss Nettie Mickum, Miss Reva Banks, Mrs. Mary Hedrick, Miss Edna Kiatta, Mrs. Mary McGinn, Miss Nettie Groom, Miss Tirzah Fogelberg, Miss Harriet Reamy, Mrs. Anna May Fairfax, Miss Katherine Rupprecht, Miss Dorothy Bellman, Miss Louise Moore, Miss Carmelita Glenn, Mrs. Lillian Goodwin, Mrs. Nellie Landstreet, Miss Annie Stevens, Mrs. Lucy Goldsborough, Miss Eileen Lear, Mrs. Olive Booberg, Mrs. Margaret Ethridge, Miss Pearl Shaw, Mrs. Belle Beckham, Miss Amelia Schlichting

Miss Betty Blanche McConnell, Comptometer Operator at Peoples Drug Stores, Washington

Washington, D. C.

Invoice and Inventory Section, Peoples Drug Stores, Inc., Washington, D. C.: Mr. R. N. Westmoreland, Mr. F. L. Carr, Mr. W. L. Blake, Miss Irma McPherson, Mr. W. B. McFarlane, Mrs. K. Leake, Mr. John Horstkamp, Mr. Willis Gault, Mr. Harry Adams, Miss Dorothy Mose, Miss Myrtle Collins, Mrs. C. Nagel, Miss E. Hettinger, Mrs. M. Caldwell, Mr. Chester Watkins, Miss Mary Naylor, Mr. M. G. Golliday, and Mr. S. Cantor

Sacramento, Calif.

MAE BUNDY

Marie Cecchettini

Miss Marie Cecchettini recently increased her list of accomplishments by adding 60 columns correctly on her 18th day in school. She is well known to Sacramentans as a musician of unusual ability, especially as an accordianist. Some of you may have seen and heard her on the Orpheum stage a short time ago as "Maria."

Mr. James P. Warren of San Francisco visited the Sacramento office Saturday, March 7th.

Mrs. Helen Nickerson, who has been with Safeway Stores, Inc. of Oakland, for the past six years, registered with us the first of the year. She has been placed with the United Grocers, Inc., who recently opened an office in Sacramento.

Word has reached the office of the engagement of Miss Margaret Hughes of the Pacific Telephone & Telegraph Co. Unfortunately, we did not learn the name of the lucky man.

Salt Lake City, Utah

Ethel M. Vance

We are indeed very sorry to lose one of our most capable operators, Miss Ethel M. Vance, who is moving to Los Angeles. Miss Vance commenced her Comptometer career thirteen years ago with the Federal Reserve Bank of this city. Later she became associated with the Auerbach Department Store, where she had charge of all statistical work and later was given full charge of the Auditing Department. Our best wishes for continued success accompany her.

The Salt Lake City office is very proud of the splendid achievements of the three young ladies pictured here. They have established new adding speed records for our school and we are "rooting" for them to make additional records. More power to you!

One-Hour Test

Miss Grace Brady.....99 columns correct
Miss Thelma Bawden...94 columns correct
Miss Ann Fox.....93 columns correct

Miss Bawden Miss Brady Miss Fox

Pittsburgh, Pa.

The Comptometer Course in the Braddock High School

Dr. Thomas G. McCleary

Comptometer training has been a part of the Braddock Public High School curriculum since the installation of two machines in February, 1928. Since that time the equipment has been increased, until there are now eight ten-column Comptometers in the calculating machine department.

The Comptometer course which is taught by Miss Ethel Carrick, is an "extra" subject planned for those seniors who have attained and continue to maintain grades of "C" or better in their regular subjects. The course is planned for two semesters, and it consists of a daily instruction period and one daily practice period. The basic text in use is "The Comptometer Course in Business Arithmetic," published by the Felt and Tarrant Mfg. Co., of Chicago.

Credit for the course is given on the same basis as for typewriting. Since the second semester's work is not required in order to get credit for the first semester's work, some of the students have been graduated with but one semester's credit.

To date sixty-four of the graduates of Braddock High School have received instruction in this subject, and there are twenty-four enrolled in the classes at the present time. Eighteen of the graduates are boys, while six of the present enrollment are boys and eighteen are girls.

During the first semester of the 1929-30 term, the Braddock High School won forty-four awards given by Felt and Tarrant for 100% efficiency. During the second semester of 1929-30, fifty-eight awards during the first semester of the 1930-31 term, twenty-four awards.

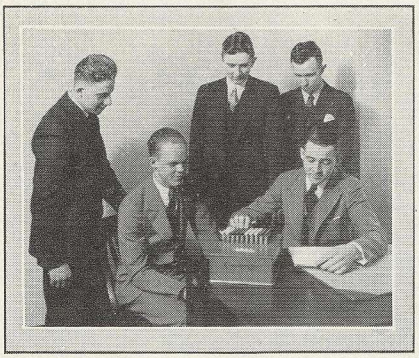
Many of the graduates are now working at straight Comptometer work or at combination jobs in which calculating machine operation is a factor. We have found that the commercial students who received instruction in machine calculating have been among the first to be placed in positions.

In addition to the academic and commercial courses, Braddock High School offers vocational training in Home Economics and the following unit trade courses: Auto Mechanics, Electric Wiring, Pattern Making, Machine Shop, and Drafting.

Braddock High School Comptometer Class, 1931
Miss Ethel Carrick, Comptometer Teacher. Fourth from left, Dr. Thos. G. McCleary, Superintendent of Braddock School. Fifth from left, George W. Gilmore, High School Principal

Pittsburgh, Pa.

CATHERINE PLASTER



Standing: Wm. Nanz, Jr., Frank Hicks, J. Melvin Arthur; Seated: Harry Dewalt, Edwin Beilstein
Edwin Beilstein, students Comptometer Evening School

The Gulf Refining Co. is fortunate in having in its employ such ambitious young men as the ones pictured above. Having been encouraged by that company to prepare themselves for promotion, these boys are taking the evening course in the Pittsburgh Comptometer School as the foundation for their accounting careers.

After their graduation here, these young men are planning to continue their studies at the Pittsburgh School of Accountancy.

Indianapolis, Ind.

W. HUESTON

Miss Ruth Rogers of the Payroll Dept. at the Indiana Electric Corp. is back at her desk again after having spent several months in the sunny state of Florida.

Miss Olga Krause of the C. C. C. & St. L. R. R., and Miss Elizabeth Brady of Wadley Co., have both returned to their positions after recent "sick leaves."

The Comptometer Bowling League will close its schedule on March 29th. For beginners they have rolled some good games and had bushels of fun. A spread and "kid party" at the home of Edythe Le Men will be the grand finis of an entire winter's fun. The girls are all hoping and planning for a better season next year.

The secretarial class of the Broad Ripple High School visited our school recently to watch a demonstration of the Comptometer. Afterward the class went on a theatre party. The following pupils made the trip:

Mary Kelley, Alma Finkman, Mae Mundun, Frances Wood, Mary Margaret Fisher, Marvetta Hurley, Wanda Lynn, Anna Mae Drake, Janet Chapman, Mildred Peters, Josephine Walker, Virginia Earle, Hazel Abbott, and Winifred West, instructor.

Albany, N. Y.

MILLIE Z. DUBE

Ruth M. Hill

The students of the Fall 1930 Class are considering forming a Comptometer Alumnae Association, and cordially invite all those who attended the Albany Comptometer School during 1930 to join, as a nucleus.

The purpose of the Club is entirely social. Suggestions have been made that meetings be held monthly, with occasional parties and, perhaps, a big dance during the winter season, to which members could invite friends.

Any of the 1930 students interested in such an organization are invited to call or write the Albany Comptometer School and offer their suggestions and ideas. If sufficient interest is shown, arrangements can then be made for a meeting and definite plans formulated.

Girls, if you are interested, step right on it and advise us so that those who suggested the idea will know whether to go ahead with it or drop it. We think it's a splendid idea and should work out splendidly.

Attending the school at present is Miss Ruth M. Hill, who has studied music and dancing for several years. Miss Hill has sung over Station WHAZ, and last week was invited to sing over our new Albany station, WOKO. The time of her broadcast is not yet certain, but at present the suggested time is 8 P. M. on Mondays. Listen in and send her a tribute.

New York, N. Y.

Miss Evelyn Young, in addition to being proficient in Comptometer operating, is also a skilled trumpeter. Miss Young is a member of a well-known local quartet.

Cleveland, Ohio

Eleanor Drown
Ring Winner

Mr. A. H. Tippens, formerly of Cincinnati, Ohio, who has taken over the management of the Cleveland Comptometer office, extends a hearty invitation to all Comptometer operators and friends to visit our School and Sales Office.

All Comptometer operators who are not receiving the Comptometer News, please send your name and address to our school, or stop in and fill out a card for us. We will see that you do receive the "News" in the future. We would like to get our mailing list up to date with correct names and addresses of all operators as soon as possible.

Girls, if you have any news for Comptometer News, please send it in.

Just a Few of Our Many Successful Operators

Miss Marcella Callahan, a graduate of our school ten years ago, is in charge of a very successful Comptometer department at the Fisher Body Co. Do they turn out a lot of work in that department? Ask Miss Callahan!

Miss Clara Masik has had ten years of very valuable Comptometer experience. She has had charge of a large Comptometer department for eight years at the Ohio Bell Telephone Co.

Miss Nina Dally likewise has had ten years experience as a successful operator, and is also in charge of one of the large Comptometer departments at the Ohio Bell Telephone Co.

Miss Margaret Schwartz has had nine years experience at the Nickel Plate Railroad office, and supervises one of their large Comptometer departments.

Comptometer Operators Always Smile

(BECAUSE)

The work of life goes sweeter
If you do it with a smile;
The burden's always lighter
If you lift it with a smile.
The sunny way and cheery
Is the way that's always best
Just keep smiling, dearie,
And let the Comptometer do the rest.
—Anonymous (with apologies)

Dallas, Texas

Mrs. Clarice Turck, who was the instructor here for several years, has been transferred to a more responsible position in the Fort Worth Comptometer office.

Mrs. Turck's successor, Mrs. Florence Laughlin, was for several years the instructor in our Birmingham, Ala., school.

Seattle, Wash.

Seattle operators please note: The Comptometer School and Offices have recently been moved to the Commercial Bldg., southwest corner of Second and Madison.

Here there is much more room, better light and ventilation, and we feel sure you will admire our ideal school room. So please consider this a personal invitation to visit us soon—the offices are open from 8:30 A. M. to 9 P. M.

Whenever you have a difficult figuring problem be sure to call on us for assistance. Or, better still, drop into our Night School occasionally and brush up on the new work that is constantly being added to our lessons. We want you, as a member of the Comptometer family, to feel that we are willing and anxious to help you in any way that we can.

On the floor where our new offices are located there is plenty of space to hold dances, and we are wondering what our operators think of this idea. If you are interested in holding at least one dance soon, write us at once; if enough requests are received the dance will be held—an event that should be enjoyed by one and all—and you would make many new friends.

Chicago, Ill.

LUCILE HORTON

Just a picture of the Chicago School Staff away from the office.

On January 24th the girls left the city to spend a week-end at Crystal Lake. The heavy snowfall put ice skating out of the question, but the new toboggan at the Lake was a jolly substitute.

Boston and Maine Railroad Comptometer School

This picture is of the Comptometer School, organized in the General Offices in the New North Station Building, Boston, by G. F. Glacy, comptroller. The school is under the direction of F. J. Tague, special assistant to the auditor of freight receipts (standing at the left), assisted by Instructors H. C. Cooper (right, front) and A. E. Munroe (right, rear) of the Felt & Tarrant Co., who together with several teachers, are furnished as a special service to the Boston and Maine Railroad. Because of the large number of employees who wished to attend the School, it was necessary to conduct two sessions, and classes, composed of clerks from all departments, meet every Tuesday and Thursday evening. Every clerk is given an opportunity to add to her education by this free instruction

Boston, Mass.

Clerks of the Hygrade Lamp Company who attended the Comptometer course given by Mr. A. E. Munroe and Miss Callahan. The classes were conducted at their office in Salem on Friday evenings after working hours for the convenience of the clerks.

Front Row—Melba Teague, Helen DeFreitas, Mary McCarthy, Loretta Callahan, Gladys Loag

Second Row—Katherine Joyce, Gertrude O'Keefe, Mary McCarthy, Ruth Pitman, Caroline Cloutman, Ida Gaumot, Irene Audet, Ethel Berry

Third Row—Rita Murphy, Mabel Prendergast, Pearl Daley

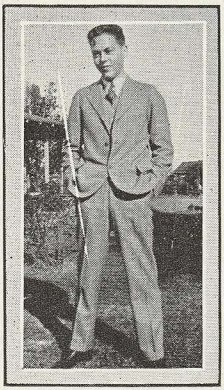
New Orleans, La.

LOUISE M. LANE

One of the recent installations of Comptometers in connection with a complete sales audit system, was made in the offices of D. H. Holmes Co. Ltd. of New Orleans. We were fortunate in being able to secure a picture of their Comptometer staff, with the exception of four who were not present at the time. Mr. John F. McDonald, Comptroller, is at the left and Miss Ella Lund, Supervisor, is standing at the extreme right.

The New Orleans district is proud of the ever-increasing recognition being accorded Comptometer leadership. In this age of "specialization" we, as operators, can contribute our "mite" in rendering our employers the same degree of service which we learned of while in the Comptometer School.

Richmond, Va.



Edward S. Wood

Edward S. Wood, Jr., of Sandston, Va., is an ambitious young man deserving of success. He came to our school on July 14th, 1930, after three and one-half years of high school work, and completed the Comptometer course on October 15th with an average of 92%. Edward is now back in high school in the daytime and at night is taking a special course at Mechanics Institute here in Richmond.

Another graduate of whom we are proud is Miss Helen Butler. She entered our school upon graduation from high school last July and upon her twenty-first day added sixty columns accurately, winning the Comptometer ring. Miss Butler completed the course on September 4th, 1930, with an average of 99% and is now employed at the new Du-Pont Cellophane Plant at Richmond (Ampthill).

Helen Butler

Columbus, Ohio

Miss Eunice V. Cunningham, former instructor in the Omaha, Nebraska, Comptometer school, was recently transferred to Columbus and is now in charge of the school here. Miss Cunningham extends a cordial invitation to the operators of Columbus to stop in for a friendly visit as she is anxious to meet them all. We feel sure they will all agree that Omaha's loss is our gain.

Eunice Cunningham

Margaret Ann Mackan

Miss Margaret Ann Mackan enrolled in the Columbus Comptometer School on February 3rd, 1931. On her 23rd day in school she added correctly 64 columns from the standard adding book and passed the ring test with a grade of 100%. Miss Mackan took the final examination on her 29th day, graduating on March 13th with a grade of 96%. On March 16th she took a position with the Kroger Packing Co. We feel sure that Miss Mackan will show the same splendid results in this position that she did in school.

Los Angeles, Calif.

Many operators will learn with deep regret of the death of Miss Mona Yost, who until recently was in charge of the personnel service in our Los Angeles office. Miss Yost passed away on March 6th, 1931, from a heart ailment from which she had suffered for a number of years.

Miss Irene Read, formerly a demonstrator in our office, has taken up a new vocation and we hope that she will prove just as efficient in it as she was in her Comptometer work—when she took the Los Angeles County Civil Service examination some time ago Miss Read passed as No. 1. She is now Mrs. Charles Lacey and is living in Great Neck, Long Island, N. Y., where Mr. Lacey is a professional at the Great Neck Golf and Country Club.

Waterloo, Iowa

The Comptometer Basketball team of Waterloo has just completed its first season, which proved to be a highly successful one. Although their opponents included some of the best teams in this vicinity, the Comptometers were victorious in eight out of nine games; their only loss was to the Mid-Continent Petroleum Co.

As an evidence of their appreciation of this splendid record the Comptometer operators in Waterloo held their second social affair in honor of the team's achievement. Those present represented practically every Comptometer department in the city and opinion was unanimous as to the success of the affair.

It is hoped we will duplicate this successful season next year.

Akron, Ohio

DOROTHEA ANN CURTIN

With the world's largest Zeppelin as the attraction, Akron finds itself the Mecca of tourists, and is playing host to visitors from far and near intent upon seeing both the mammoth hangar and its occupant. Sightseers are amply compensated for their long joiurney with their first sight of the "Leviathan of the Skies" now in the final stages of construction. The nose of the ship has just been covered; the exposed framework reveals masses of duraluminum and wires, resembling a gigantic cobweb which would shame any spider.

Out-of-town Comptometer operators and their friends visiting the airport and its attractions are cordially invited to visit us in our school, located in Rooms 416-17 Second National Bank Building.

Recently we had the pleasure of entertaining a number of out-of-town operators and factory representatives in the persons of Mr. Wright, Mr. Doty and Mr. and Mrs. Frederick.

Our Service Department recently added Mr. Howard A. Cramer to its staff. Latest reports have him well up the ladder of success. Keep it up, Howard!

The following are recent graduate operators:

Madeline Bump	97%	Amelia Abbood	96%
Agnes Overton	97%	Dora Covan	95%
Audrey Hohue	96%	Rose Marie Kaselman	95%

Baltimore, Md.

CHARLOTTE W. MILLER

The second meeting of the Baltimore Comptometer Club took place on Saturday, March 14th, and the school room was filled to capacity. In fact, it was necessary to inform the late comers that there was "standing room only."

Six bowling teams were organized. It is rather late in the season to start bowling, but we are determined not to put things off.

A committee was organized to work out details in regard to a week-end trip down the bay to Norfolk later in the spring. We intend also to stop at Virginia Beach.

Yetive Spiker
Ring Winner

Although this is repeating, it still holds good, and always will—that is, we want every one of you, and we need every one of you, so do come to the next meeting. It will not take long; tea will be served immediately after the business session.

Fort Wayne, Ind.

Miss Helen Van Pelt of Anderson, Ind., has been confined to her home with a bad case of "flu"; her many friends hope for a speedy recovery.

Miss Jeanne W. Swan, a recent graduate of our school, has accepted a position with the Tokheim Oil Tank & Pump Company.

Jeanne Swan

Another recent graduate is Miss Alberta Alston, who came to us from Pittsburgh, Pa. She has been placed with the Kroger Grocery Co.

Alberta Alston

Good luck to both of you in your new positions.

Any Comptometer operator who is not receiving the "News" regularly should communicate with Mr. Herman, or phone Anthony 7495.

In addition to placing your name on the mailing list we will gladly furnish decimal cards and other material which may assist you in your daily work.

Norfolk, Va.

HELEN C. VICK

Mrs. Mildred B. Harrison, who was formerly instructor at the Norfolk Comptometer School, is now with the Colonial Oil Company.

Miss Margaret Malbon, who succeeded Mrs. Harrison, is now with the David Pender Grocery Co.

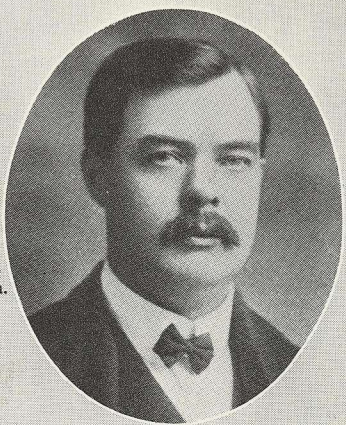
We have recently placed Miss Bessie Mae de Loatche and Mrs. Laura Adams with the Standard Oil Co. of New Jersey.

The Norfolk Comptometer School has a plan under way whereby it is hoped to secure a speaker at least once a month from among the officials or Comptometer department heads of our customers' offices. We believe that these talks will prove both instructive and inspiring to the students.

The following girls have been placed on one or more temporary positions: Miss Juliet Wheat, Mrs. Frances Jones, Miss Heywood Hurst, Miss Catherine O'Brien, Miss Bernadine Foster and Miss Vera Jensen.

DON STILES
Indianapolis Belting & Supply Co., Indianapolis

ALLEN BURRIGHT
Wichita United Sash & Door Co., Wichita, Kan.



GEO. D. MACKAY
Dickinson Seed Co.
Chicago

HAROLD NAYLOR
Utah Copper Co.,
Salt Lake City

J. M. MILLER
Cities Service Oil Co.
Springfield, O.

JACOB A. LEVY
Wilson & Co.
Chicago

IN PRESENTING this group of male operators we concede the place of honor to Mr. George D. Mackay, of the Albert Dickinson Seed Company. Mr. Mackay was a proficient operator about 1887, and with Mr. Felt's encouragement began instructing other young men to operate the Comptometer, although a regular system of schools was not established till many years later.

In those early days operating a Comptometer was strictly a man's job, because of the hard key action and uncongenial key-tops. Mr. Mackay says it was not unusual to stop to dig corns out of his finger tips.

We were unable to get a picture of Mr. Mackay as he appeared at that time. The one herewith was taken ten or twelve years later.

An hour spent with this Dean of Comptometer operators brings out many interesting reminiscences. We hope to print a real interview with him in a future issue.

JAMES MORAVEC
Hinky Dinky Stores
Omaha

KENNETH SHOOK
Grand Rapids

C. JOHNSTON
St. Louis Bay Dock Co.
Duluth

CHARLES SIEGEL
Great A. & P. Tea Co.
Baltimore

LYLE PICKERING
Associated Oil Co.
Portland, Ore.

PETER A. FRIXIONE
United Fruit Co.
New York City

LOUIS GIRTEN
L. & N. R. R.
Louisville, Ky.

H. G. PETERSON
St. Louis Bay Dock Co.
Duluth, Minn.

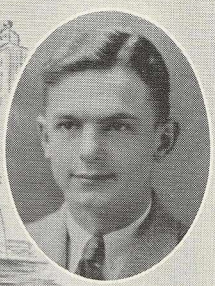
DAN McCLEARY
Wilson & Co.
Chicago

JOHN A. KRAUSE
Economy Grocery Store
Boston

HOWARD BLOWER
The Bailey Co.
Cleveland

CHAS. STAMM
General Food Sales Co.
Phila.

PETER FEENAN
Ford Motor Co.
San Francisco



CARL FOERSTNER
Standard Oil Co.
St. Louis

BERTRUM BRILL
D. L. & W. R. R.
New York City

F. L. WALKER
Ford Motor Co.
Houston, Tex.

FRANK PRAS
Cudahy Packing Co.
Omaha

WILSON M. GORDON
Sanders Bros. Co.
Richmond, Va.

J. M. HORSTKAMP
Peoples Drug Co.
Washington, D. C.

A. W. GORMAN
McQuay-Norris Piston
Ring Co., St. Louis

KEN MURRAY
W. P. R. R.
Omaha

JOHN AMBACHER
Underwriters Salvage Co.
Brooklyn, N. Y.

EDWARD C. HERSEY
A. O. Wilson Structural
Co., Boston

HOMER BLANCHARD
St. Paul, Minn.
Northern Pacific Ry.

Charlotte, N. C.

Margaret Long
High Score 126

The Comptometer Basketball team has just returned from a trip down in South Carolina where they added the championship of South Carolina to their belts by downing the College of Charleston to the tune of 30 to 26. Miss Sadie Lineberger was high scorer with 22 points, and the work of the Hendrix twins at guard was something to be seen.

The Comptometer bowling team, who are members of the Ladies' Independent Duckpin League, are now in second place, fighting it out with the Lucky Five team for the lead.

Mr. J. Erwin Boykin and Jake Foures were in to see us a few days ago. They

Charlotte Basketball Team

are now located in Columbia, S. C., with the Standard Oil Co. of New Jersey. They are well pleased with their new location and work.

We are wondering what happened to Tom Ellington of the American Enka Company at Asheville, N. C.

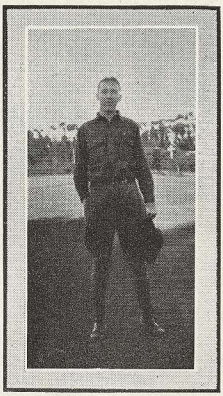
Miss Hazel Jenning is the latest to join hands with Dan Cupid. She is now Mrs. Jimmie Alexander and we wish her all the happiness there is.

Mrs. Marie Landrum is the latest addition to the Comptometer department of the Standard Oil Co. at Charlotte.

Oklahoma City, Okla.

BEULAH TODD

Dick Gifford, one of our young men operators, was recently called out on a job where he worked twenty-four hours at a stretch to complete the compilation of statistics for a law firm here. The accompanying snapshot of Dick was taken in Honolulu where he recently completed a three year enlistment in the United States Army.



Dick Gifford

Two commendable records were made in our school when Vesta Howard averaged 116 columns correct and Goldie Schmitt averaged 110 columns correct upon completion of the course.

We regret that so far this year we can claim no honor roll members, but we have several aspirants and hope soon to call for more rings.

Denver, Colo.

The Denver School celebrated Lincoln's Birthday with a Valentine Party in the morning, and then a half day's vacation.

The names of all the students were put into a hat and each girl drew a name. Then appropriate Valentines were purchased, everyone promising not to get mad no matter how ornery the Valentine, as it was "fun for all and all for fun." Teacher really got the meanest one—it was one of the newspaper comics. However, there was a particularly nice surprise for Mrs. Roche that made up for the comic; the girls had taken up a collection and presented her with a nice big red heart box filled with candy.

Mr. Plettner is still confined to his home. We miss him and hope it will not be long until he will be able to return to the office.

Miss Alice Pesh will soon join those in "double harness," but she will not divulge the date.

This Comptometer office can boast of three basket ball players, all stars; but three players won't make a team. We are referring to Genevieve Bennett, Margaret Civis and Catherine Corbin.

St. Louis, Mo.

Christine Cramer

Pictured here is Miss Christine Cramer who was recently awarded the Comptometer ring for excellent work, making a grade of 95% on her ring test. We have many reasons to be proud of Miss Cramer and know she will continue her good work.

Miss Loretta Stroh made a grade of 99% on her final exam, graduating with a final average of 97%. Miss Marguerite Bice is also to be commended on her excellent work, with a grade of 100% on her final and 98% on the entire course.

One of our recent graduates, Frank Schwarz, was placed on a position with the Kroger Grocery and Baking Co. Frank states that he is well pleased and we hope he will be very successful.

We are proud of the work Miss Ruth McCoy is doing at the Laclede Gas & Light Co. where she recently started to work. She is now in charge of their new Comptometer department. Miss Vera Bohn, who was with the Stone & Webster Engineering Co. while they were constructing the Bagnell Dam, is now working with Miss McCoy.

Several very interesting classes were recently held in our own school for the benefit of Public High School and Parochial High School teachers who are teaching the Comptometer. They all appreciated the opportunity of absorbing our methods and discussing their problems.

Mr. Ozment, commercial instructor in the East St. Louis High School, is attending our night school at the present time learning the art of Comptometer teaching.

Attention, everybody! Don't bother Grace Findley—she is too busy helping to organize Simmons Hardware Company's new distribution department.

Hartford, Conn.

MILLICENT SHEPARD

A cordial invitation is extended to all Comptometer operators in the Hartford territory to visit our new offices located in the recent Aetna Life "Home Office" Building, 650 Main Street, Rooms 829-32.

This is the third time we have had to enlarge our quarters in the Hartford territory.

Youngstown, Ohio

THELMA WOLLTER

Helen Kochis

The girl pictured here is Helen Kochis of Greenville, Pa., one of our recent graduates. Others who passed the final test with high honors are, Thelma Shanks, Daisy Simechak, and Margaret Wahle.

Miss Alice Guthridge and Viola Kuhlen have secured positions with the Youngstown Sheet & Tube Co.

Miss Dorothy Taylor of New Castle, Pa., has promised to honor and obey Mr. R. Sawatgke. We wish you a lot of happiness, Dorothy.

The Youngstown office recently invited its customers and operators to send in their figuring problems and many complied with alacrity. Problems covering percentage, stresses and strains, speed of cutting tools, equations, square foot, etc. were received, but today's mail brought in the *prize*:

"Dear Sir: You asked us to send in a problem—here it is, figure it out:

"A big Indian and a little Indian sat on a fence. The little Indian was the big Indian's son, but the big Indian was not the little Indian's father. What relative was he?"

Memphis, Tenn.

It is with deep regret and a feeling of sadness that we report the passing of two highly esteemed Memphis Comptometer operators.

Miss Cleta Mosley died on February 2nd following a lingering illness. She had been employed by the Memphis Power & Light Co. for a good number of years and was the first trained Comptometer operator to be hired by them.

Mrs. W. D. Hall, Jr. passed away on February 16th. Mrs. Hall completed the Comptometer course in 1924 and also had a very excellent record.

On January 17th Miss Claudia White, Comptometer operator at N. O. Nelson Mfg. Co., was married to Mr. Lu Roscoe Webb. They will make their home at Rock Island, Tenn.

Philadelphia, Pa.

CAROLINE WHITE

Ella Cross

Miss Ella Cross and Miss Grace Crossfield, pictured herewith, are two outstanding students in our school. Miss Cross will soon be graduating and is one of our most enthusiastic students. Possibly her former business experience helped her to decide on Comptometer operating as a business vocation.

Miss Grace Stone, who has been with the Philadelphia Electric Co. for some time, has just notified us that she has accepted a position as Comptometer operator with the Government and will soon be leaving for Washington, D. C.

Grace Crossfield

Mr. Charles Stamm is one of our successful young men operators. Soon after graduating from our Night School in 1929 he accepted a position with the General Food Sales Co. He has already had a promotion and is quite pleased with his position.

Aurea Trego

Mr. Thomas E. Spino, a recent addition to our sales force, has left for Chicago to enter the Salesmen's Training Class.

Mrs. Aurea Trego, nee Smith, is one of our executive operators. She has been associated with the E. I. Du Pont de Nemours Co. for a number of years.

Atlanta, Ga.

MRS. B. FORD WEAVER

Mrs: Florence Laughlin, former instructor in the Birmingham, Ala., school, paid us a visit before leaving to take up her new duties as instructor in the Dallas, Texas, school. Mrs. Laughlin writes that she is very happy in her new work.

Mr. Jackson, our salesman, has recently taken up housekeeping, and we are eagerly waiting for an invitation to a "house warming."

For two weeks we had to answer many questions from operators regarding the whereabouts of our oiling service man, Mr. Hemrick. We are sure they will feel relieved to know that he is back at work again after a successful operation.

Miss Eleanor Goodwin, our ring winner since the last issue of the "News," added 62 columns correctly on her 20th day in school. We congratulate Miss Goodwin on this good record.

We are very sorry to learn that Miss Gertrude Hathaway of the John Reed Co. is leaving us to return to her home in Chicago.

The following operators have been recent visitors: Miss Lois Werner of the Coca Cola Co., Miss Evelyn Nichols of the Whittier Mills, Miss Bessie Harville of the Standard Brands, Inc., and Miss Jennie Jenkins of the Martha Mills, Thomaston, Ga.

Miss Helen Nelson, one of our very efficient operators at the Martha Mills of Thomaston, Ga., was married to Mr. Marion McClellan on February 14th.

Since the last issue of the "News" we have placed quite a number of operators on both temporary and permanent positions.

Davenport, Iowa

ANN MOLYNEAUX

Miss Marion Ovington of Marion, Iowa, recently received notice of her appointment to a Government position at Washington, D. C. We all wish her lots of success.

Miss Genevieve Stevens has been transferred from the Rock Island Lines at Silvis, Illinois, to Horton, Kansas.

Following are some of our recent placements:

Mary Auliff, Campbell Baking Co.

Ethel Spangler, McKesson Hartz Co., Rock Island.

Hazel Sutherland, C. M. & St. P. R. R., Savanna, Ill.

Wilma Topp, Standard Oil Co.

Wichita, Kans.

MARIE E. DAVIS

To the Comptometer operators of Wichita we extend our congratulations on the forming of another Bridge Club. We know its popularity will constantly increase.

It is rumored among the thirty-two members that "finessing" has been developed to a degree of skill never before equaled. Comptometer operators interested in becoming affiliated should communicate with the local Comptometer School. Although not officially announced, we understand the only requisite is proof that you have never trumped your partner's ace.

The following Comptometer operators having been placed in permanent positions are unanimous in their opinion that "Business Depression" is only a myth. We hope they are right.

Opal Barnard, Phillips Petroleum Co.

Mildred Carr, Johnson Bros. Auto Supply Co.

Melda Giffin, White Castle System.

Mary Jones, Red Star Milling Co.

Ruth Decker, Santa Fe R. R. Co., Eldorado.

Corrine Roberts, Internal Revenue Office.

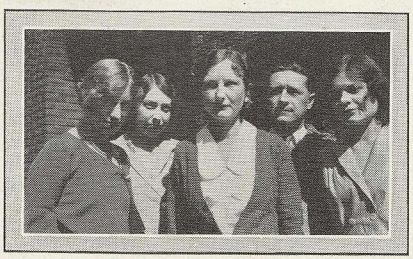
Cornelia Harrison, Dague Business University.

Hope Posey, U. S. Government.

Lucille Moore, Washington Brooks & Co.

Marguerite Wanzer, Spines Clothing Co.

Diplomas have recently been issued to: Gladys Pyles, 100%; Mary Jones, 93%; Gladys Harrington, 94%; Cecelia Flanigan, 95%; Marguerite Wanzer, 100%.



"A Quintet of Mathematical Performers"

Comptometer Staff at Phillips Petroleum Co. Left to right: Thelma Horrell, Violet Hanlon, Chief Operator, Opal Barnard, Mr. Pfeffer, Office Manager, Ethel Rhodes.

Fort Worth, Texas

Mr. R. E. Green, local representative, has been transferred to a larger territory at Birmingham, Ala. He has our best wishes for success.

Omaha, Neb.

ROSE E. MAGNUSON

Miss Eunice V. Cunningham, former instructor in the Omaha Comptometer School, and who for nearly a year was in charge of the Lincoln, Nebraska, office, has been transferred to Columbus, Ohio, where she will act as instructor and demonstrator.

Ruby Albus

All her friends in this area wish Miss Cunningham continued success and popularity.

Victor R. Clary, one of the outstanding operators of Omaha, graduated in July, 1926, and was employed by the Union Pacific R. R. the following month. After a year and ten months in the Freight Claim Dept. he was transferred to the General Manager's office. He received rapid promotion until now he is secretary to the Supervisor of Train Schedules. Victor Clary's experience is a good example of Comptometer operating as a stepping stone to advanced positions for young men.

Victor Clary

Ruby L. Albus, one of our best operators deserving of special mention, is employed by the U. S. Government in the Internal Revenue Agent's office.

Grand Rapids, Mich.

BERNICE HANCOCK

A delightful Valentine theater party was held on February 14th. We gathered at the home of Miss Bernice Hancock, and after a little excitement and fun left for the theater.

The following girls were present: Misses Florence Dracht, Edna Robbins, Stella Rosentilla, Jessie Perrigo, Marian Isenga, Jessie Braamse, Eulah Griswold, Marian Marshall, Frances Dutmers, and Bernice Hancock, the instructor. We are sorry to lose Miss Virginia Ackerman who has moved to Cleveland with her parents.

Dayton, Ohio

STELLA A. MULLIN

Over a period of six years since his graduation from high school at the age of sixteen, Joe Miller has risen on the "ladder of success."

Round 1—A scholarship to the Comptometer School.

Round 2—Position with the Buckeye Incubator Co. of Springfield, O.

Round 3—A better position with the Cities Service Corp.

Round 4—Night School Instructor in Comptometer operating at Springfield High School, in addition to his position at Cities Service Corp.

Joe, we all wish you continued success in your climb to the top.

Marie Reuwer, who has been attending night school in Springfield, recently passed the ring test and added 78 columns correctly in one hour.

Marie Robinson, employed at the Inland Mfg. Co. has received her Bachelor of Commercial Science degree from the Dayton School of Commerce and Finance, and is also a member of the National Cost Accountants Society. Congratulations, Mary!

Miss Osee Ross reports that, judging from the numerous demonstrations given recently, anyone would think "good times" were just around the corner.

Louisville, Ky.

KATHRYN DUNKIN

We wish to announce a dance for all Comptometer operators and their friends, Wednesday, April 8th, at the Club Madrid. Music by Sid Conway and his crooning "Southlanders"—dancing, fun and laughter. Make up your party now and 'phone the Comptometer School, City 2162. No tickets will be sold at the Club.

Dan Cupid has again been playing havoc with Louisville Comptometer operators. On January 21st Miss Dorothy Anderson of the Standard Sanitary Mfg. Co. became Mrs. H. L. Van Arsdale. Miss Mary Baxter of the Kroger Grocery & Baking Co. was married to Mr. Robert Thorndale of Paducah, Ky., on March 9th. Miss Lucille Cantrill, formerly of Peaslee-Gaulbert Corp., is now Mrs. Raymond Baynes of Memphis.

Should "Auld Acquaintance be Forgot?" Decidedly not, in Louisville. To those operators who have not visited us for some time we especially extend an invitation to drop into the School for a social chat and friendly visit.

Green Bay, Wis.

H. W. MORRISON

Lillian Bruck
Lucille Kaster

Although the Green Bay School is a new and small link in the large chain of Comptometer Schools, we are turning out some first-class operators.

We are especially proud of the record being made by two students, Lucille Kaster and Lillian Bruck, who will soon be graduating with high honors. Miss Kaster after 35 days in school is adding 90 standard columns an hour correctly, and Miss Bruck on her 35th day added 95 correctly. Both of these young ladies are also speed artists on the typewriter. Needless to say, with such records we expect to place them in good positions soon.

Detroit, Mich.

Irene Kikolska

On February 23rd the Detroit School enjoyed a delightful party in celebration of Washington's Birthday.

School closed at noon and a general holiday was declared for the remainder of the day. All students and operators present were guests of the School at a matinee at the Michigan Theatre. The girls left the school in a group, all laden with candy, and made such an impressive array that a policeman along the route stopped the traffic while they crossed the street. After thoroughly enjoying the picture, the party returned to the schoolroom and danced for the rest of the afternoon.

The smiling young lady in the picture is Miss Irene Kikolska, a recent graduate. Miss Kikolska won a prize ring on her 19th day in school by adding 60 columns correctly in one hour, and graduated on her 32nd day in school with an average of 91% on all her work. We congratulate Miss Kikolska on this splendid record and wish her every success in her chosen vocation.

Providence, R. I.

ANN V. McGOWAN

A farewell supper was given recently at the home of Miss Esther Johnson in honor of Mrs. Anderson, a graduate of our class who has decided to brighten up Watertown, N. Y. with her presence by going there to live.

Due to Miss Johnson's ability as a charming hostess the evening was a great success, the only trouble being that it wasn't long enough. Supper was served soon after the guest of honor had arrived, or rather I should say as soon as Mrs. Anderson had time to recover from the shock, for you see the supper was a surprise.

After a lovely repast and a brief farewell speech delivered by our hostess, the girls gathered in the living room where they were entertained by a few of the talented students. While Miss Quinn "tickled the ivories," as she is certainly capable of doing, several of the girls tripped the light fantastic. Miss Westbom, a talented violinist, honored us with a few selections, following which Miss Rafferty, well-known elocutionist, recited a few comical recitations as only she can.

In order to give the entertainers a well-earned rest Miss Johnson suggested playing a game, which in my estimation, and I am sure the others will agree, was the funniest game ever. Later in the evening, Mr. Anderson, who by the way, was the only gentleman present, played the ukelele and sang a few numbers to the delight of all. As every one knows, all good things must end; so did our party, but I would like to take this time to join with Miss Johnson and the class in wishing both Mr. and Mrs. Anderson the best of luck in the future.

Tulsa, Okla.

We extend a hearty invitation to all Comptometer operators in the Tulsa territory to visit our office at 1216 Exchange Bank Bldg. and become acquainted with our new manager, Mr. L. G. Pattishall.

Mr. Pattishall was formerly in charge of the Comptometer office in Birmingham, Ala. From late reports we would surmise that Birmingham's loss was Tulsa's gain.

Lansing, Mich.

H. C. McCULLOCH

Carroll Cavanagh has been placed with Mr. H. H. Kinney at the Lansing Dairy Co.

Mrs. Anna Reatz is recuperating from an appendicitis operation and will be back at her desk at the Lansing Dairy shortly.

Agnes Breitenbach is at the Michigan State College doing special statistical work for Professor E. B. Hill of the Farm Management Department.

Gladys Larkin has accepted a position with Mr. Gideon in the Cost Dept. of the Bryant Paper Co., Kalamazoo, Mich.

Otis D. Joy is now employed by the Atlantic & Pacific Tea Co. at Flint, Mich., under Mr. Martin.

Miss Mary Hotop of the Upjohn Company, Kalamazoo, has two new girls in her Sales Analysis Dept., namely Miss Clella Cady and Miss Amber Cooley, both operators of varied experience extending over a number of years.

Evelyn Meserell and Ruth Gingrich have been placed with the Reo Motor Car Co., in the Cost Dept.

Myrtle Darnell is doing Accrual work with the City National Bank at Battle Creek, Mich.

We are pleased to announce a ring winner, Miss Lelia Alyce Gray, who on her 26th day in school added correctly 65 columns. Miss Gray is the first ring winner that we have had at Lansing in more than two years.

Lelia Gray

The Strand Arcade Merchants have just completed a very successful Celebration Week; during the festivities prizes were won by two of our Comptometer girls, Misses Irene Breitenbach and Alyce Gray. The Lansing office has recently become a member of this organization.

Top Row: Mary Ann Sturm, Elsie Harsch, Avalon Shickluna, Lillian McMahon, Evelyn Riddell; Center Row: Nadine Perry, Alice Scott, Ella Blohm; Bottom Row: Marie Martin, Elizabeth Boyle, Gertrude Lavin, Katherine Wiswell, Mary Coughlin

Buffalo, N. Y.

The Buffalo Comptometer School presented fourteen graduates with diplomas during the months of January and February. While present conditions seem to be well understood and patiently accepted, these ambitious young ladies gaze optimistically into the future.

Over luncheon tables the teacups have made many interesting revelations, which shall hereby be made known to all. Let us look ahead a few years:

Hazel Denny

Alice Scott may be seen daily in the City Court arguing convincingly in behalf of her client . . . Nadine Perry traveling from coast to coast advancing new ideas on office systems . . . Dorothy Whittaker is the foreign representative of a well-known banking institution. . . . "Marie Martin" is a name often seen in the bright lights in front of the best theatres . . . Gertrude Lavin, proprietor of an exclusive shop on Fifth Avenue, New York City. . . . Evelyn Riddell has turned down lucrative business propositions and many offers of marriage to devote herself to the orphaned children of Buffalo. . . . The snapshot of Katherine Wiswell which appeared in the April, 1931, issue of Comptometer News attracted the attention of a European nobleman, who lost no time in sailing to America to win the heart and hand of this famous young lady. . . . Mary Coughlin little suspected back in 1931 that within a few years she would be signing a contract to appear in talking moving pictures. . . . Ella Blohm engaged in politics and elected mayor of Buffalo. . . . Lillian McMahon has become so attached to Comptometers that she established a wonderful Comptometer School, with special courses in business administration. . . . Mary Ann Sturm has become prominently identified with welfare work in the city. . . . Elsie Harsch has proved that a large manufacturing plant can be successfully managed by a woman executive. . . . Avalon Shickluna is society editor for one of the great metropolitan daily newspapers. . . . Elizabeth Boyle engaged in selling Comptometers for the local agency; her extensive knowledge of Comptometer application and methods being an important factor in her success.

Eleanor Jane Rindcen

Eleanor Jane Rindcen, a student in our school, is also a dancer of repute. She is studying with Mr. and Mrs. Sascha Piatov at their Imperial Russian Ballet School and has already entertained at numerous functions, including Shea's Buffalo Theatre.

Miss Hazel Denny is another of whom we are proud. As a member of "The Carollers" her rich, splendid voice may be heard weekly over radio station WGR.

Miss Mildred Henry, a student in the present class at Buffalo, holds the record for February, having added 80 columns accurately per hour on her twenty-sixth day in school. We congratulate Miss Henry upon this fine record.

Jane Cheetham, who learned to operate the Comptometer at the Kenmore High School, Kenmore, N. Y., took the post-graduate course at the Buffalo Comptometer School and upon graduation was employed by the Delaware Branch of Swift & Co.

The "call of the West" has claimed two Buffalo operators to whom we would like to send our greetings through Comptometer News. Miss Esther Holmes now resides in California, and Miss Edith Barber in Seattle, Wash.

Toronto, Ont.

MAE HEYWOOD

If you could have been at the Royal York Hotel on the evening of February 14th and looked in on some seven hundred Comptometer girls and their friends enjoying their first annual Valentine Party Dance, you would agree with me that their terpsichorean art is second only to their expert manipulation of the Comptometer.

And what a really attractive aggregation of happy girls and boys they were! It made one proud to be associated with them.

The committee who were responsible for staging our first party are to be congratulated on the general arrangement of the program and the smoothness with which every feature was carried out.

It was the consensus of all present that the party was a huge success. Everyone had a good time, and besides the committee reports a substantial surplus to set aside for future entertainment.

Congratulations are extended to the following ring winners: Misses Agnes Bowden, Pallas Cooper, Norene Miller and Dorothy Tutton. We know that the same effort in the business world will insure future success.

Montreal, P. Q.

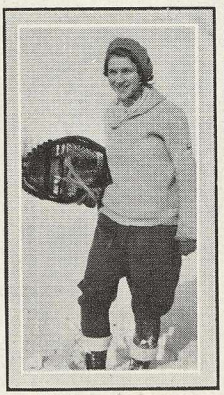
EDNA STRYDE

As the tourist season is about to commence, the Montreal Comptometer School extends a cordial invitation to all operators who wish to visit our office.

Pictured here are several outstanding members of our February class enjoying the outdoor sports for which Montreal is famous.

Misses Young and Bennett. Miss Bennett was graduated in 1929 and has been employed since by the Canadian National Railway.

Miss Priest and Mr. Priest



Miss Humble

Miss Burgess

Misses Young and Bennett

News From Overseas

Reunion at Leicester

Leicester

At the reunion held at the Oriental Cafe on January 14th it was unanimously decided by the 170 operators present to form a Social and Sports Club, and the officers and committee for 1931 were elected. We now have a large number of enrolled members, but every operator in the district is eligible for membership and the Hon. Secretary, Miss F. Stevens, will be pleased to receive further enrollments. Her address, for Club purposes, is care of Felt & Tarrant Ltd., Eagle House, Friar Lane, Leicester.

The New Year Reunion Party was a happy a "do" as any club could wish for with which to start its existence. Everybody was in great form and the idea of introductions "by label" saved a lot of formalities.

By the way, quite a good photograph of the crowd is available if any members would like one.

Congratulations to the following Diploma Winners: Miss C. Payne (Day School); Miss R. Adcock and Miss F. Stevens (Evening School).

Top Row: Miss Carrie Errington, Consett Iron Co., Newcastle; Marie Meredith, Chief Operator, Messrs. Richardson Westgarth & Co. Ltd., Hartlepool; Nellie Roger, Valentine & Sons, Ltd., Dundee; Miss Reta Block, City Collectors, Edinburgh Corp.; Miss Elsa Crow, Chief Operator, C. W. S., Newcastle. Bottom Row: Miss Helen Lambert, Joseph Constantine Steamship Co., Ltd., Middlesbrough; Miss Gracie Graham, Chief Operator, Newcastle Electric Supply Co. Ltd.; Miss Margaret Anderson, Valentine & Sons, Ltd., Dundee; Miss M. Robertson, General Post Office, Edinburgh; Miss Vera McClymont, Chief Operator, Messrs. John Holt & Co., Ltd., Liverpool.

Cardiff

Winnifred Edwards

We congratulate Miss Clarice Jones of Swansea School who has qualified for a Comptometer Ring with a final score of 90.15%.

Miss Winnifred Edwards, Cardiff. 100% Diploma Operator — with Cardiff Rural District Council.

Manchester

Sarah Trenholm

It gives us very great pleasure to announce that we have now taken over a new School and Offices, which are much larger and better in every way than our previous abode. We are in the same building, Royal London House, 196 Deansgate, but have moved to the third floor.

To celebrate our removal we held a Show Week from the 2nd to 7th of February inclusive and were very pleased to see many of our former students. On the other hand, there must have been quite a number who had not the opportunity to visit us in our new home and although the Show Week is over, we extend a hearty invitation to all Comptometer operators to pay us a visit.

London

We congratulate the following operators who have recently been successful in winning Comptometer Rings:

B. Anderson	O. Partridge
N. Austin	D. Ricketts
N. Baylis	J. Solley
E. Brown	D. Taverner
B. Harrison	M. Taverner
E. Martin	C. Woolcott

Bradford

And now, our somewhat belated but none the less hearty congratulations to Miss Fanny Midgley and Miss Braithwaite, who have entered the matrimonial stakes. Miss Midgley was formerly an operator at T. F. Firth & Sons of Brighouse, and Miss Braithwaite, who is now Mrs. Ripley, was in charge of H. Dept. at the Bradford Dyers' Assn.

We are glad at all times to have news of former pupils and present operators. Please write us, or better still, give us a call some time.

Sheffield

Adeline Snowden

New Years Eve was celebrated by our local Sheffield, Hull and Nottingham staffs at a Staff Dinner held in the Sheffield Office. Eleven of us dined and wined, and as you will see from the photograph published herewith, we did ourselves well. The lady members looked, if possible, "too" charming, and as for the male members, well, just look at the photograph. After dinner we played games and competitions—"Oranges and Lemons" proved to be a good "pull."

Congratulations to Misses Adeline Snowden and Winnie Brookes who have recently obtained Rings.

Left to right: Miss Nicholson, Mr. Friswell, Miss Rankin, Mr. Hsonby, Miss Murray, Mr. Padlunry, Miss Richmond, Mr. Barker, Mr. Cooper, Miss Makin.

Middlesbrough

We congratulate Miss Sarah Trenholm, a recent Ring Winner.

Barbara Scott

Edinburgh

An adding test held throughout the month of December resulted as follows:

Diploma Operators	*Average %*
1st, Miss Drummond	114.88
2nd, Miss McTavish	104.04
Ring Winners	*Average %*
1st, Miss B. Scott	103.90
2nd, Miss Flucker	96.98
Junior Operators	*Average %*
1st, Miss J. Robertson	79.30
2nd, Miss Olsen	78.22

Margaret Flucker

Maud Anderson

These operators were successful in winning the prizes presented by Miss Nicholson, the Edinburgh teacher.

We congratulate the following Ring Winners: Margaret Flucker, Maud Anderson, Barbara Scott, and Ada Warhurst.

Ada Warhurst

Liverpool

Our dance held at the Gainsboro Restaurant on Saturday, February 7th, will, we think, be remembered by many as one of the happiest evenings of their lives. What more could those 200-odd operators and their friends want, when we had a perfect floor, an excellent band, first-class catering, spot prizes for the lucky ones, and our sweethearts to dance with.

Dorothy Nelson

Congratulations are due to Mr. Leslie Davies and Mr. Donald Barratt who have recently persuaded two of our charming operators, Miss Vera McClymont and Miss Phyllis Askham to become their respective future brides.

We congratulate Miss Dorothy Nelson, a recent Ring Winner.

At the Liverpool Comptometer Operators' Dance

Kathleen Bolton

Leeds

Congratulations to the following operators who have won Comptometer Rings: Gladys Dunn, Nellie Wattam, Phyllis Hutchinson, Marjorie Dufton and Kathleen Bolton.

Phyllis Hutchinson

Hull

Winnie Brooks
Sheffield Ring Winner

The Exhibition of Business Systems and Office Appliances in our City Hall proved a really big success. Our stand was naturally one of the main centres of interest and our demonstrators did good work in educating various office heads in Comptometer ability and consequently paving the way for many fresh Comptometer positions in local firms.

One very interesting gentleman who visited us—no, he only came once!—was "Our Amy's" father, Mr. Johnson. His questions were mighty cute and after meeting him we quickly saw how Amy learnt the word "progress."

Dublin

Betty Lyons

The Hockey Club held their first dance in the spacious Ballroom of the Bon Bouche on Friday evening, January 30th. An excellent programme of music was supplied by the Pembroke Orpheus Band; the supper catered for by the proprietors of the Bon Bouche was all that could be desired.

The committee was agreeably surprised at the large number present. It was voted by all as being a most enjoyable evening and its success was in no small measure due to Miss Betty Lyons, a recent Diploma Winner. She was ably assisted by the following ladies on the committee: Misses Lena Dempsey, B. Doran, M. Lynch and C. Mannion.

First Annual Dance—Dublin

Enid Dobson *Kate McLaughlin*
Dorothy Faulkner *Abbie McKinlay*

Birmingham

The following are our Ring Winners since January 1st, 1931:

Mary Adams	96.6%
Dorothy Tack	123.4
Bessie Wood	80.5
Lillian Powell	90.9
Doris Phillips	112.4
Mildred Edmonds	128.
Bessie Jones	81.
Iris Jones	117.
Minnie Wescott	118.
Joan Fletcher	143.7
Dorothy Walker	115.5
Betty Tompkins	83.

This makes a total of 182 Ring Winners in the Birmingham School since the 17th February, 1928.

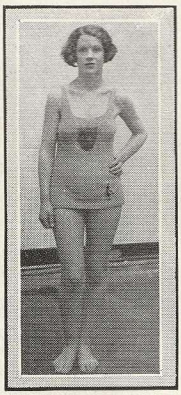
Newcastle

The most important event of the season took place on the 20th of February, 1931, when we had our Annual Ball at the Brighton Assembly Rooms, Westgate Road, Newcastle-upon-Tyne.

Dancing was from 7:30 P. M. until 1:00 A. M., excellent music being supplied by Fenwick's Radio Dance Orchestra under the personal supervision of Mr. Jos. Q. Atkinson. Spot prizes were presented to the lucky winners; an excellent supper was served at 9:30 P. M. and the 220 operators and friends who were present had a thoroughly enjoyable time.

We congratulate the following Ring Winners who gained good percentages: Dorothy Faulkner, Abbie McKinlay, Enid Dobson and Kate McLaughlin.

Newcastle Comptometer Annual Dance



Jean Blackadder

Glasgow

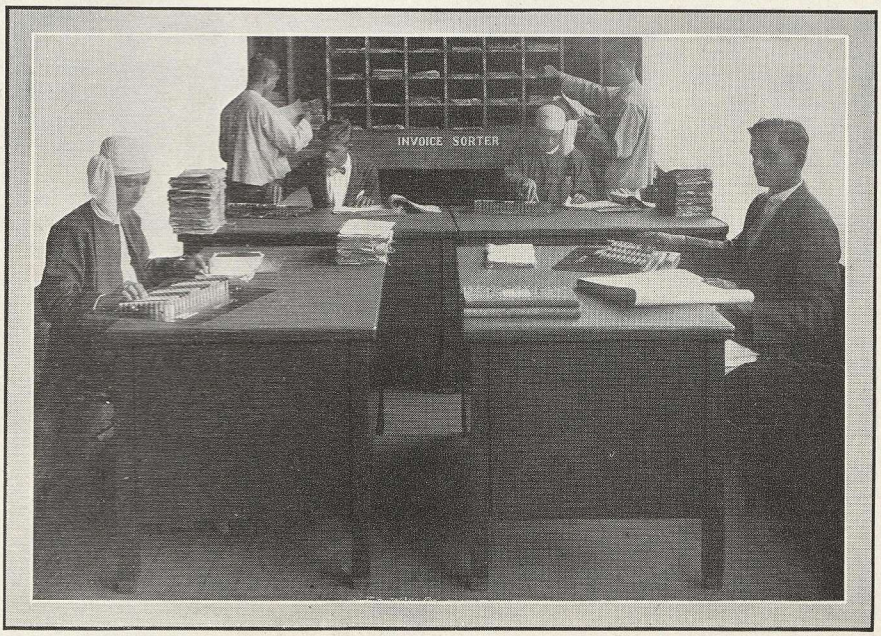
We were very pleased to hear from Anna Kennedy, who left Glasgow recently for Cape Town, and we are very gratified to know that she is in a comfortable position working a Comptometer in the United Tobacco Co. Ltd.

Here is a snap of the hockey team with our referee, Mr. Wilson taken before the match with White Memorial last October.

Glasgow Hockey Team

Pictured here is Miss Jean Blackadder, one of our Glasgow pupils, who is the proud possessor of the West of Scotland Senior Swimming Championship. Last year she was chosen to compete in the trials for the Olympic Games in Canada, but unfortunately strained her heart at a trial and had to temporarily give up swimming.

Comptometers at Work in the Burma Railways—Rangoon, Burma.



These four twenty-column Comptometers are used for the compilation of their Commercial Statistics, which are made up direct from the freight bills. At the time this photograph was taken, they were handling 120,000 freight bills per month.

After the bills have been hand sorted by commodity and zone, and mileage recorded, Comptometer operators accumulate revenue, and compute freight ton miles and rates per ton mile on thirty-two commodity classifications.

Comptometer Instruction Service

C. VEBECK

This department desires to thank and compliment the operators who have sent in samples of their figure work and the methods of solution. We are always pleased to receive these practical examples and suggestions. It is also a pleasure to supply helpful tables and short-cuts, and to assist in developing methods of applying the Comptometer to the figure work.

Here are some additional examples on which to try your operating ability. It will be extremely interesting to receive your methods of solution for these examples or any others you would like to submit for publication.

EXAMPLE:

149,763 lbs. Rate $3.52 per gross ton.

Figure it on the Comptometer so that the 4th pointer will in any example point off the tons and the 6th pointer will point off the extension, and make all multiplications from left to right and without cancelling from start to finish.

EXAMPLE:

Find average due date on the Comptometer on the following account and get answer by writing down only one amount. No table to be used in figuring on a 30-day month basis.

1931		Dr.	
Jan. 1	Balance	.....	$2728.09
Jan. 17	Goods	.....	3210.75
Feb. 3	Goods	.....	800.80
			$6739.64
1931		Cr.	
Jan. 14	Cash	.....	$2000.00
Feb. 20	Cash	.....	2350.00
			$4350.00
Balance		.....	2389.64

EXAMPLE:

Retail $175.00. Cost $95.75.

Find per cent mark-up on cost and then on Selling Price, without cancelling between these operations.

EXAMPLE:

Prorate $850.00 expenses over the following sales:

$ 457.26	.....
1040.13	.....
763.29	.....
1313.27	.....
105.05	.....
211.17	.....
622.03	.....
	$850.00

EXAMPLE:

Days	Amount of Draft
30	$1,867.35
90	352.10
55	2,346.50
120	724.80
70	1,578.90

Find total interest on all the above drafts at 5%, on either 360 or 365-day basis. Obtain answer without writing down any figures and without cancelling the Comptometer.

EXAMPLE:

Obtain cost of each operation to four decimal places. Obtain per cent of each operation to two decimal places.

Labor on 36 Pcs.	Costs	Cost Each	%
Milling	$37.60	.....	.....
Buffing	8.36	.....	.....
Grinding	11.40	.....	.....
Assembling	29.29	.....	.....
Woodwork	43.75	.....	.....
Total			100.

Who's Who
In Comptometer Schools

Euna S. Davis

In the year 1925, Euna S. Davis entered the Comptometer organization in Houston, Texas, equipped with valuable ability and experience.

Mrs. Davis' knowledge of the requirements of a business office, coupled with her thorough understanding of Comptometer application are valuable assets, both in training and placing operators.

Her intensive study of teaching methods and the psychology of handling people makes Mrs. Davis a leader in developing the personality of the operators; helping them to understand that such requisites as loyalty, punctuality, good health and personal appearance are just as essential as being expert Comptometer operators. She is held in highest esteem by customers and operators alike in the Houston territory.

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